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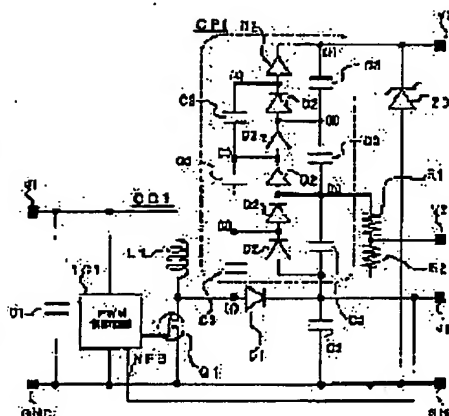
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(54) MULTIPLE OUTPUT DC/DC CONVERTER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a multiple output, small size DC/DC converter by extracting output voltages from a plurality of positions of a voltage-doubler generating circuit.

SOLUTION: A voltage which is equal to an almost integer multiple of an output voltage V1 of a voltage booster chopper DC/DC converter CC1 can be obtained with a voltage-doubler generating circuit CP1. The voltages obtained at respective positions of the voltage-doubler generating circuit CP1 are compared with the maximum output voltage to select a multiplying value of the generating circuit CP1. In regard to the maximum output V3, the generated voltage matches the necessary voltage using a zener diode ZD, while in regard to the second output V2, the voltage divided by the divider resistors R1, R2 is used. Thereby, a multiple outputs, thin and small size DC/DC converter can be realized.



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